

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20070183301").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:36
S1	0	("channelestimation").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:51
S2	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:51
S3	989	estimat\$3 (maximum likelihood or mle)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:52
S4	1636	channel impuls\$2 respons\$2 same (training or sequence)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:53
S5	161	S2 and S3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:53
S6	42	S4 and S5	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:53
S7	1	("5912876").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:54
S8	1	("6631160").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:54
S9	1	("5673288").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:55
S10	0	("ghosh.in.").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:55
S11	0	("gosh.in.").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:55
S12	1689	ghosh.in.	US-PGPUB; USPAT	ADJ	ON	2008/11/05 15:56
S13	1	("20040247061").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:58
S14	0	(2006/0114981).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:59
S15	1	("20060114981").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/05 15:59
S16	266996	filter\$3 and matrix	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S17	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S18	989	estimat\$3 (maximum likelihood or mle)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S19	1636	channel impuls\$2 respons\$2 same (training or sequence)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S20	161	S17 and S18	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S21	42	S19 and S20	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01

S22	23	S16 and S21	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:01
S23	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:19
S24	229	(mle or maximum likelihood or mlse) same filter\$3 same matrix	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:22
S25	110	S23 and S24	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:22
S26	1207962	(training sequence or sequence)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:23
S27	94	S25 and S26	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:23
S28	5059	estimat\$3 with (impulse or impulse response)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:24
S29	41	S27 and S28	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:24
S30	13184	noise interferenc\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:25
S31	6	S29 and S30	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:25
S32	634093	noise	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:33
S33	41	S29 and S32	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:33
S34	1071348	(training sequence or sequence) and second	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:34
S35	75	S25 and S34	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:34
S36	23	S35 and S28	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:35
S37	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:37
S38	1921	estimat\$3 (maximum likelihood or mle or mlse)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:38
S39	314	estimat\$3 (maximum likelihood or mle or mlse) same filter\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:38
S40	149	S37 and S39	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:39
S41	5980	estimat\$3 with (impulse response or channel response)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:39
S42	90	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:39
S43	169	training sequence and second training sequence	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:40
S44	1	S42 and S43	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:40
S45	1219586	sequenc\$2 or training sequenc \$2	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:41

S46	1	S43 and S44	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:41
S47	602961	threshold	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:42
S48	44	S47 and S42	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:42
S49	637578	matrix or matrices	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:43
S50	71	S42 and S49	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:44
S51	158	S39 and S49	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:46
S52	44	S39 same S49	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:47
S53	35	S52 and S37	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:47
S54	26	S41 and S53	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:48
S55	1720	channel estimat\$3 same (training sequence or training symbol\$2)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:50
S56	151	estimat\$3 (maximum likelihood or mle or mlse) same matrix	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:52
S57	21	S56 and S55	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:52
S58	1361045	filter\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:53
S59	20	S57 and S58	US-PGPUB; USPAT	ADJ	ON	2008/11/05 16:53
S60	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:05
S61	242	estimat\$3 (channel impulse response) same filter	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:06
S62	175	S60 and S61	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:06
S63	1425	estimat\$3 (maximum likelihood or mlse)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:09
S64	38	S62 and S63	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:09
S65	7544	training(sequenc\$2 or symbol \$2)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:10
S66	29	S64 and S65	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:10
S67	1425	estimat\$3 (maximum likelihood or maximum-likelihood or mlse)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:13
S68	38	S62 and S67	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:13
S69	29	S68 and S65	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:14

S70	11821	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:22
S71	341	estimat\$3 (impulse response) same filter	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:22
S72	120	S70 and S71	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:22
S73	642	estimat\$3 (viterbi or maximum likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:24
S74	8	S72 and S73	US-PGPUB; USPAT	ADJ	ON	2008/11/05 17:24
S75	0	(2003/0185310).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/06 09:08
S76	1	("20030185310").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/06 09:08
S77	0	("channelestimat\$3").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/06 10:25
S78	11867	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:25
S79	30	estimat\$3 (maximum likelihood or maximum-likelihood) same impulse response	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:26
S80	0	("I47andI48").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/06 10:27
S81	11867	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:35
S82	492	estimat\$3 (maximum likelihood or maximum-likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:36
S83	30	S82 same impulse response	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:37
S84	15681	sum(values or integers)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:37
S85	15681	sum (values or integers)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:37
S86	3550	estimat\$3 (maximum likelihood or (maximum\$likelihood))	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:40
S87	492	estimat\$3 (maximum likelihood or maximum-likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:40
S88	69	estimat\$3 (maximum\$likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:42
S89	15733	maximum likelihood	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:42
S90	3186	maximum\$likelihood	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:43
S91	492	estimat\$3 ((maximum likelihood) or (maximum \$likelihood))	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:45
S92	15736	(maximum likelihood) or (maximum\$likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:46

S93	8159	S92 same estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:47
S94	835854	approx\$5 or estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:48
S95	8251	S94 same S92	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:48
S96	6564	S94 near5 S92	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:49
S97	5932	S94 near2 S92	US-PGPUB; USPAT	ADJ	ON	2008/11/06 10:50
S98	304	S97 same impulse response	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:02
S99	187	S98 and S81	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:03
S100	59	S98 same training	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:03
S101	39	S100 and S81	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:03
S102	1362479	filter\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:04
S103	34	S101 and S102	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:04
S104	23	S101 and threshold	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:22
S105	1363946	filter\$	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:42
S106	5707	S95 and S105	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:43
S107	174590	threshold values	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:43
S108	1183	S106 and S107	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:43
S109	181	S108 and S81	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:48
S110	30770	impulse response	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:48
S111	119	S109 and S110	US-PGPUB; USPAT	ADJ	ON	2008/11/06 11:48
S112	1566	love.in.	US-PGPUB; USPAT	ADJ	ON	2008/11/17 12:59
S113	11930	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 12:59
S114	20	S112 and S113	US-PGPUB; USPAT	ADJ	ON	2008/11/17 12:59
S115	11930	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:48
S116	5650	sequence with (maximum likelihood) or (maximum \$likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:51

S117	30842	impulse response	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:52
S118	639740	matrix or matrices	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:52
S119	372	S116 same S117	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:52
S120	521472	estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:53
S121	307	S119 same S120	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:53
S122	130	S121 and S118	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:53
S123	97	S122 and S113	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:54
S124	1365059	filter\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:54
S125	93	S123 and S124	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:54
S126	605206	threshold	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:54
S127	40	S125 and S126	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:54
S128	121209	trainin\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:55
S129	365308	train\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:55
S130	38	S127 and S129	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:55
S131	171	second train\$3 sequence	US-PGPUB; USPAT	ADJ	ON	2008/11/17 14:22
S132	2	S127 and S131	US-PGPUB; USPAT	ADJ	ON	2008/11/17 14:23
S133	1	("20030147476").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 17:20
S134	1	("20030223517").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 17:22
S135	1	("20030003880").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 17:25
S136	0	("2003147476").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 17:32
S137	1	("20030223517").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 17:33
S138	11947	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:41
S139	19817	(channel impulse response) or (CIR)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:42
S140	19817	(channel impulse response) or (CIR)	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:42

S141	640229	matrix	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:43
S142	167	S140 near1 S141	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:43
S143	124	S142 and S138	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:43
S144	605760	threshold	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:44
S145	5	S142 same S144	US-PGPUB; USPAT	ADJ	ON	2008/11/18 17:44
S146	35	k-th tap	US-PGPUB; USPAT	ADJ	ON	2008/11/19 10:04
S147	15789	(maximum\$likelihoood) or (maximum likelihood)	US-PGPUB; USPAT	ADJ	ON	2008/11/19 10:07
S148	15	S146 and S147	US-PGPUB; USPAT	ADJ	ON	2008/11/19 10:08
S149	605760	threshold	US-PGPUB; USPAT	ADJ	ON	2008/11/19 10:08
S150	13	S148 and S149	US-PGPUB; USPAT	ADJ	ON	2008/11/19 10:08
S151	1	("20070160010").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/19 14:33
S152	1	("20030185310").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/19 15:15
S153	1	("20060114981").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/19 16:04
S154	0	("channelestimat\$3").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/19 17:03
S155	1	channelestimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/19 17:04
S156	11947	channel estimat\$3	US-PGPUB; USPAT	ADJ	ON	2008/11/19 17:04
S157	1	i-th training sequence	US-PGPUB; USPAT	ADJ	ON	2008/11/19 17:04
S158	1	("6978015").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/20 09:18
S159	1	("20070160010").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/20 16:27

11/20/2008 6:10:02 PM

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